

## II. Amendments to the Claims

This listing of claims replaces without prejudice all prior versions and listings of claims in the application:

### Listing of Claims:

Claim 1 (Currently Amended) A fluid treatment system radiation source module ~~for use of fluid treatment system~~, the module comprising:

a frame having a first support member;

a plurality of at least one radiation source assemblies assembly extending from and in engagement with said a first support member, each the at least one radiation source assembly comprising at least one radiation source disposed within a protective sleeve; and

an optical radiation sensor disposed within the protective sleeve of at least one of the plurality of radiation source assemblies, at least one radiation source assembly having no optical radiation sensor.

Claim 2 (Currently Amended) The radiation source module defined in claim 1, wherein the frame further comprises a

second support member opposed to and laterally spaced from the first support member, the at plurality of ~~at least one~~ radiation source assemblies ~~assembly~~ being disposed between each of the first support member and the second support member.

Claim 3 (Original) The radiation source module defined in claim 2, wherein the frame further comprises a third support member interconnecting the first support member and the second support member.

Claim 4 (Currently Amended) The radiation source module defined in claim 1, wherein the frame further comprises a ballast for controlling the ~~at least one~~ radiation sources ~~source~~.

Claim 5 (Currently Amended) The radiation source module defined in claim 1, wherein the first support member comprises a hollow passageway for receiving a at last one lead wire for conveying electricity to the ~~at least one~~ radiation sources ~~source~~.

Claim 6 (Currently Amended) The radiation source module defined in claim 1, wherein each ~~the~~ protective sleeve comprises a quartz sleeve.

Claims 7-8 (Cancelled)

Claim 9 (Currently Amended) The radiation source module defined in claim 1, wherein each ~~the~~ radiation source assembly comprises a plurality of radiation sources.

Claim 10 (Previously Presented) The radiation source module defined in claim 1, wherein the optical radiation sensor is disposed adjacent one end of the protective sleeve.

Claim 11 (Currently Amended) A water treatment radiation source assembly ~~for use in a radiation source module,~~  
~~the radiation source assembly~~ comprising:

a plurality of at least one radiation source modules,  
each having a protective sleeve; source and

an optical radiation sensor disposed within the  
protective sleeve of at least one of the radiation source  
modules, at least one of the radiation source module protective  
sleeves having no radiation sensor , both of the at least one

~~radiation source and the optical radiation sensor being disposed within a protective sleeve.~~

Claim 12 (Currently Amended) The radiation source assembly defined in claim 11, wherein each ~~the~~ protective sleeve comprises a quartz sleeve.

Claims 13-14 (Cancelled)

Claim 15 (Currently Amended) The radiation source assembly defined in claim 11, wherein each ~~the~~ radiation source module ~~assembly~~ comprises a plurality of radiation sources.

Claim 16 (Previously Presented) The radiation source assembly defined in claim 11, wherein the optical radiation sensor is disposed adjacent one end of the protective sleeve.

Claim 17 (Currently Amended) A fluid treatment system comprising:

a fluid treatment zone;

a plurality of ~~at least one~~ radiation source assemblies ~~assembly~~ disposed in the fluid treatment zone, ~~the~~ at least one radiation source assembly comprising at least one

radiation source disposed within a protective sleeve; and  
an optical radiation sensor disposed within the  
protective sleeve, at least one radiation source assembly having  
no optical radiation sensor.

Claim 18 (Original) The fluid treatment system  
defined in claim 17, wherein the fluid treatment zone comprises  
a housing through which fluid flows.

Claim 19 (Currently Amended) The fluid treatment  
system defined in claim 18, wherein each ~~the at least one~~  
radiation source assembly is secured to the housing.